USMC D Day Mobile Fuel Distribution System Test

DOGO BEACH, POHANG, SOUTH KOREA

OCTOBER 30, 2000

USMC – Dogo Beach OCT 30, 2000

AAFS-Amphibious Assault Fuel System w/20K

USN LCAC (Landing Craft Air Cushion) landing Dogo Beach

LCAC on beach with

15k DMFD (D-Day Mobile Fuel Distribution System)

The DMFD consists of four 3,750 gallon fabric tanks. It is envisioned that the 15K DMFD would be deployed during the assault echelon after facilities are in place transferring fuel at the beach using one or more LCAC’s. This operation would carry fuel

LCAC after discharge of all JP5 into AAFS bags on beach.

2d LCAC arriving beach in background.

2nd LCAC landing

2d LCAC loaded with two 3K Dday Mobile Fuel Distro Systems secured to a 1077 flatrack and the EFS (Expeditionary Fuel System (EFS) 400

LVS MK48/18A1 pictured here moves the 3K mobile system to the appropriate location and the EFS 400 system.

The LVS MK 48/18A1 with the 1077 flatrack loaded with the 3K system

1st LCAC departing the beach

1st LCAC departing beach

3K Mobile system (consisting of 2 collapsible bladders secured to a 1077 flatrack) on the LVS MK 18A1 being moved on location

The LVS MK 18A1 loaded with the Expeditionary Fuel System (EFS) 400. In this configuration shows ten each 400 gallon tanks loaded on a 1077 flatrack. Each tank has a 400 gallon bladder in them

All ten tanks can be filled or drained simultaneously through the 4” camlock fittings

The same system with eight 400 gallon tanks with a pumping unit attached that provides a combined flow of 300 GPM through 4 live reels. By removing one more tank and adding the filter separator unit, the

The pumping unit for the EFS 400. Will get more photos from the USMC.